

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007400 A2

(51) International Patent Classification⁷: **B32B 27/00**

(74) Agents: **COCKERTON, Bruce, Roger, et al.**; CarpmacIs & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (GB).

(21) International Application Number:
PCT/GB2004/003098

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: **16 July 2004 (16.07.2004)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
0316708.7 **16 July 2003 (16.07.2003)** **GB**

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): **DUPONT TELJIN FILMS U.S. LIMITED PARTNERSHIP** [US/US]; Building 27, Barley Mill Plaza, Routes 141 & 48, Wilmington, DE 19805 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SANKEY, Stephen, William** [GB/GB]; 5 Hambleton Court, Great Smeaton, North Yorkshire DL6 2HR (GB). **EVANS, Ken** [GB/GB]; 2 Ryedale Close, Yarm, Cleveland TS15 9UN (GB). **FRANZYSHEN, Stephen, Keith** [US/US]; 345 Rexmoor Terrace, Richmond, VA 23236 (US). **VOISIN, David** [FR/GB]; 10 Debruse avenue, Yarm on Tees TS15 9QL (GB).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SELF-VENTING POLYMERIC FILM I**

(57) Abstract: A heat-sealable, composite film said film comprising a polymeric substrate layer having a first and second surface and disposed on a surface of the substrate layer a water-soluble barrier layer, wherein (i) the substrate layer has one or more venting means therein; and (ii) the thickness of the barrier layer is from about 0.05 to about 40 µm; a process for the manufacture thereof; and use thereof as a self-venting film in the packaging of an ovenable meal.



WO 2005/007400 A2